

Figure 1

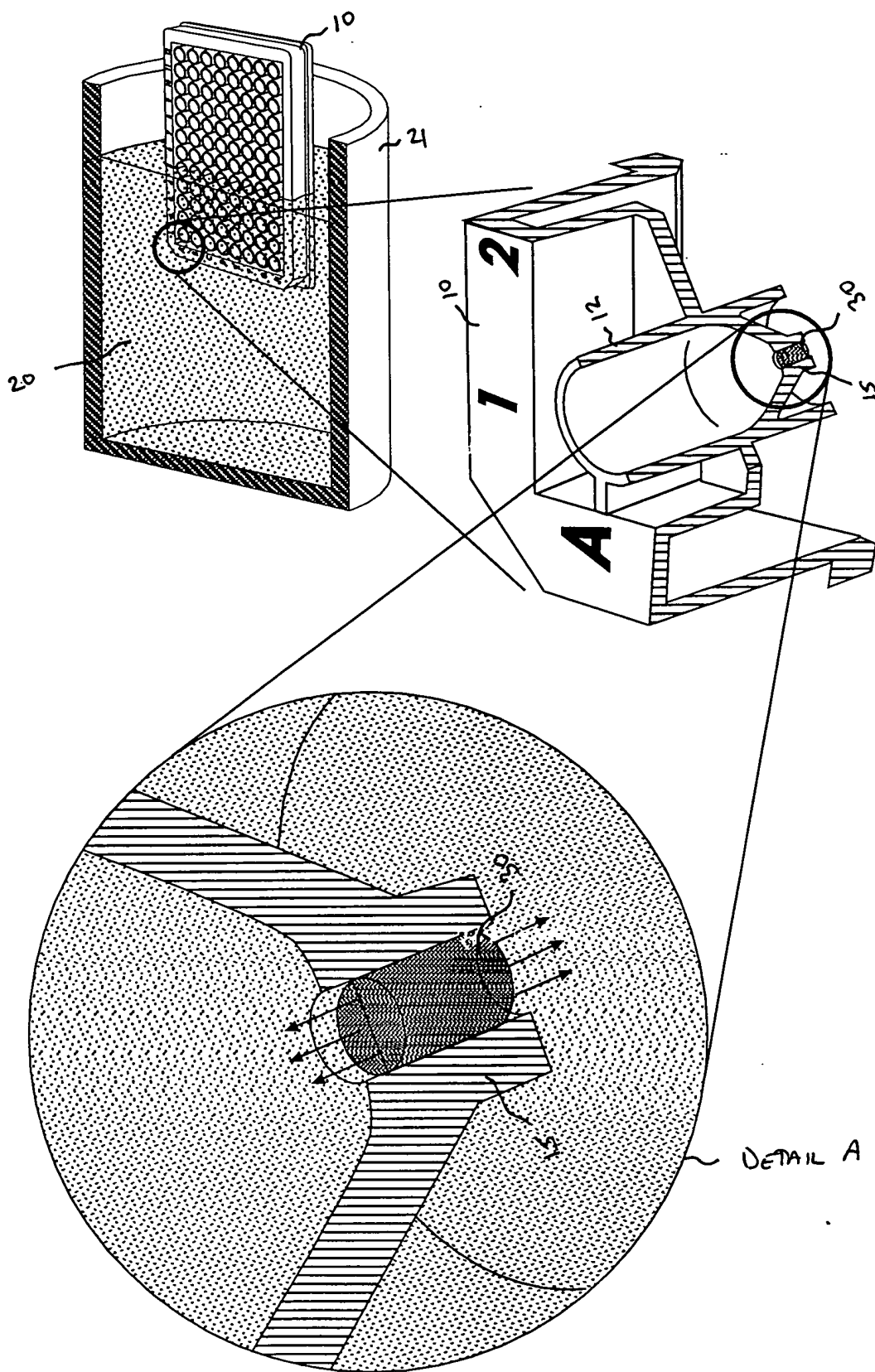


Figure 2

ZipPlate (Left) ZipTip (Right)

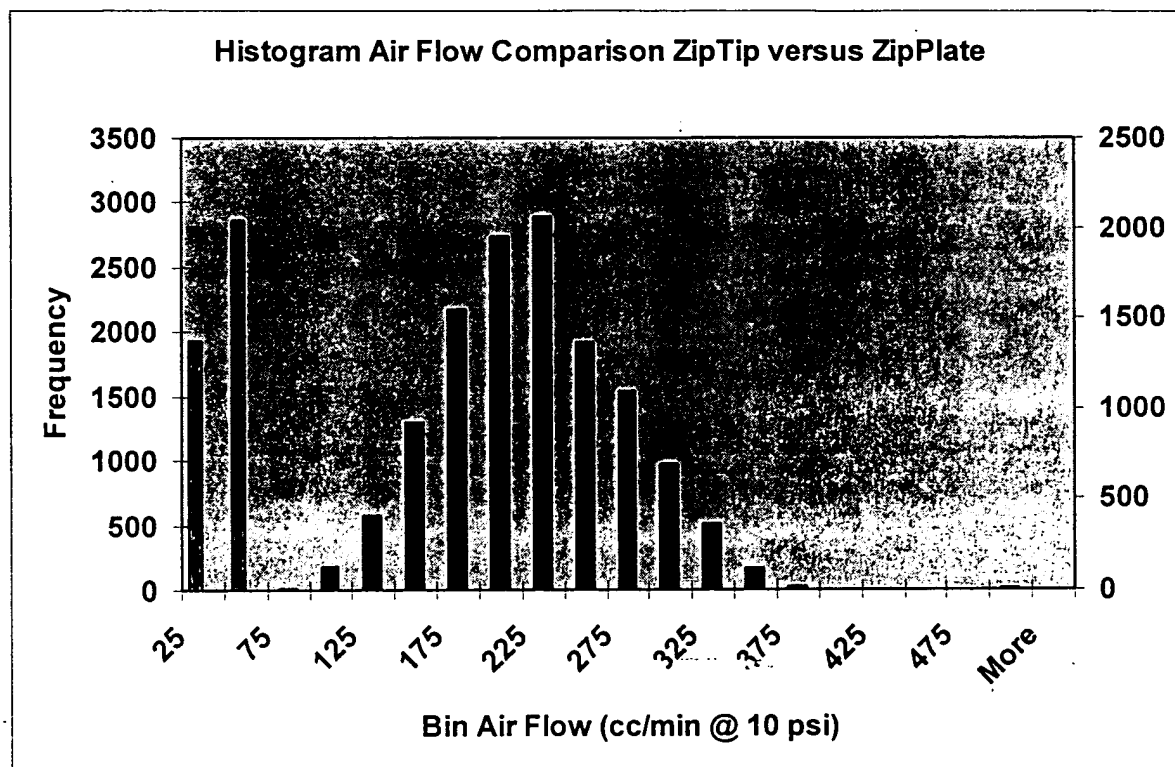
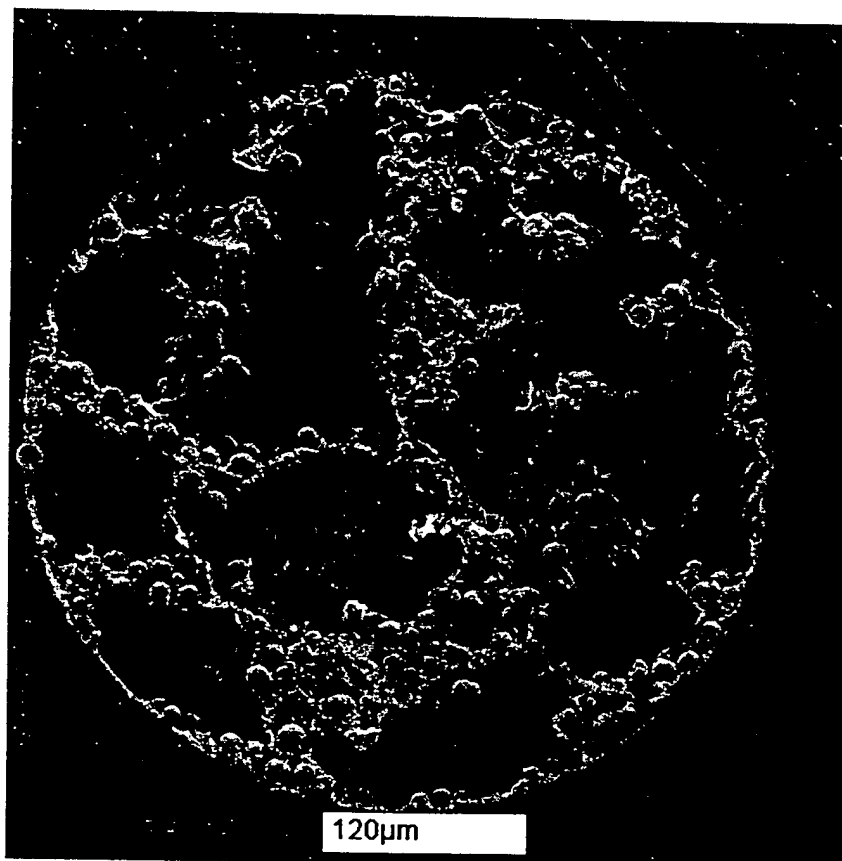
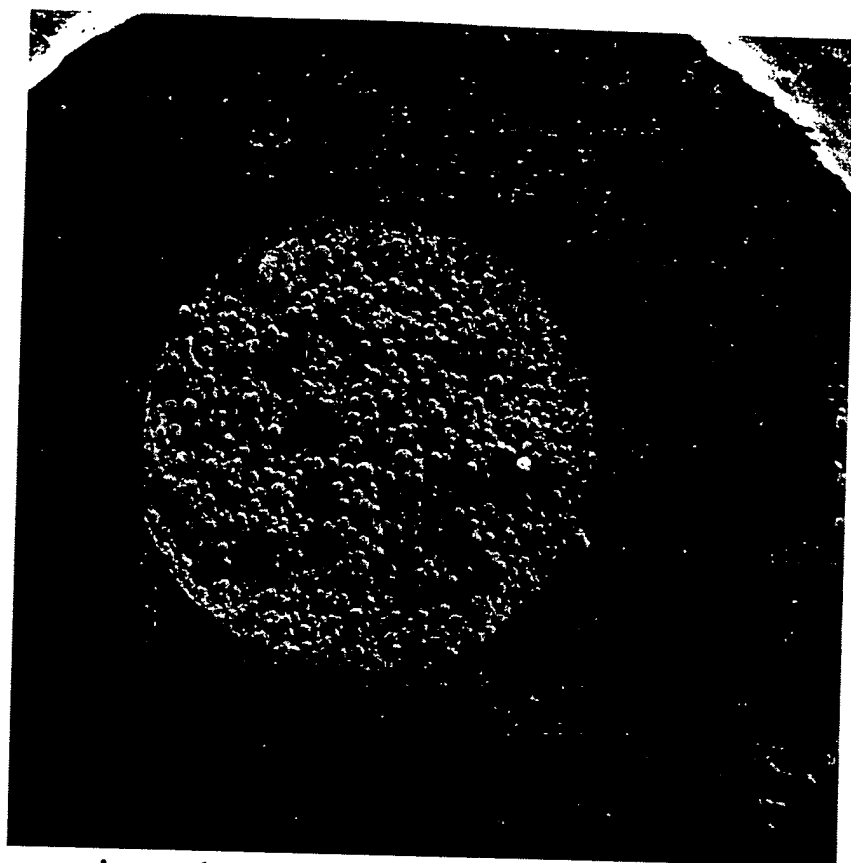


FIGURE 3



SEM of ZipTip cross-section. The particles are nominally 15μm in diameter.

FIGURE 4A (PRIOR ART)



Cross-sectional SEM of a structure that has been
“double-side quenched.” Particles are nominally
15 μm in diameter.

FIGURE 4B

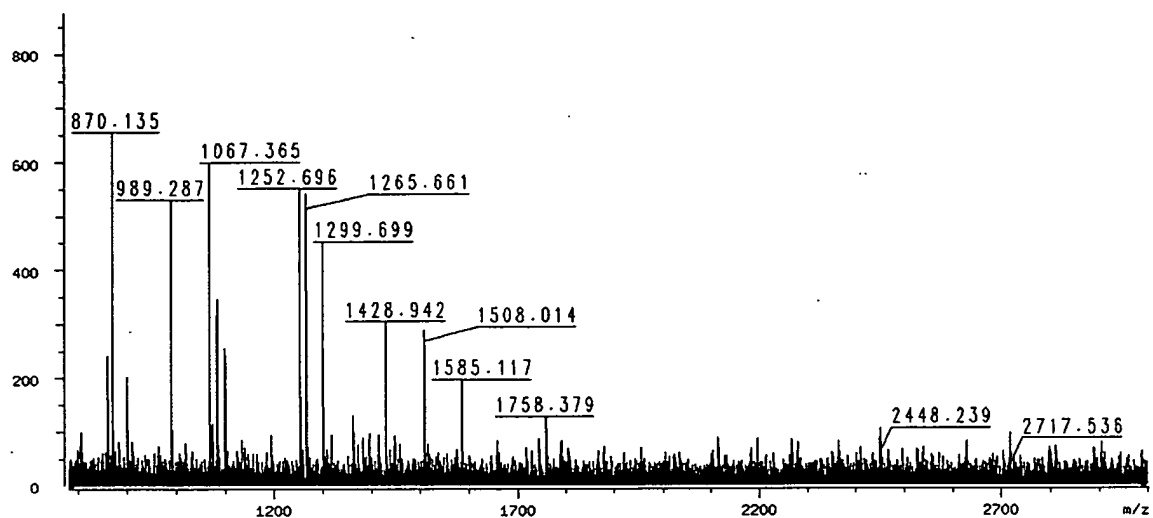


FIGURE 5A

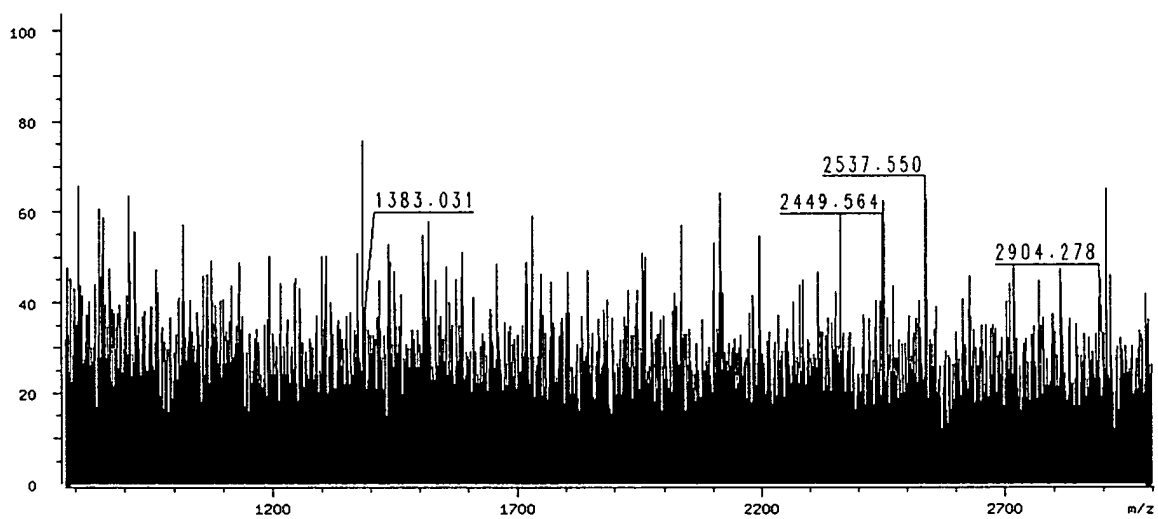


FIGURE 5B (Prior Art)

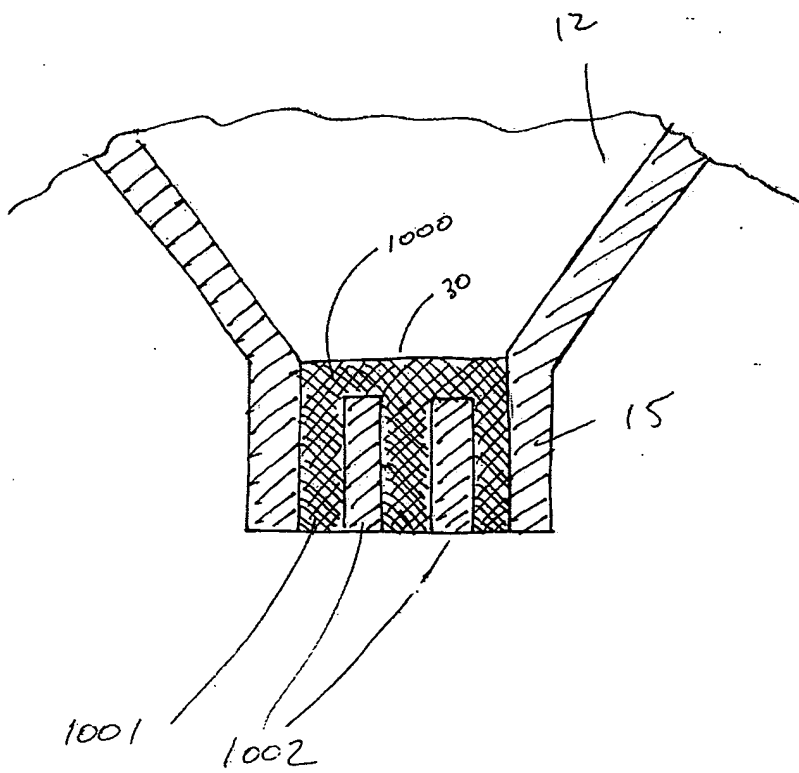


FIG. 6